

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

VO-670

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)

**10/500733**

INTERNATIONAL APPLICATION NO.

PCT/EP03/00212

INTERNATIONAL FILING DATE

11 January 2003

PRIORITY DATE CLAIMED

11 March 2002

TITLE OF INVENTION

COOLING ARRAY

APPLICANT(S) FOR DO/EO/US

Michael NICOLAI et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
  2. ☐ This is a **SECOND OR SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
  3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
  4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
  5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
    - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
    - b. ☒ has been transmitted by the International Bureau.
    - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
  6. ☒ A translation of the International Application into English (35 U.S.C. 371(c)(2)), including a translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). (verified)
  7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
    - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
    - b. ☐ have been transmitted by the International Bureau.
    - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
    - d. ☒ have not been made and will not be made.
  8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). (verified)
  9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). (4 pages, executed, attached to a copy of the International Application)
  10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).
- Items 11. to 16. below concern other document(s) or information included:
11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
  12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. (3 pages total)
  13. ☒ A **FIRST** preliminary amendment. (8 pages)  
☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
  14. ☒ A substitute specification. (attached to a red-ink marked-up version of the English language translation)
  15. ☐ A change of power of attorney and/or address letter.
  16. ☒ Other items or information:
    - Form PCT/IB/301
    - Form PCT/IB/304
    - Form PCT/IB/308
    - Form PCT/ISA/210 (English language version, 3 pages)
    - Transmittal of Substitute Specification (2 pages)
    - Certificate of Mailing by Express Mail (2 pages)
    - Return Receipt Postcard

EXPRESS MAIL NO.: EV478067417US

MAILED: 02 July 2004

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Michael NICOLAI  
Martin DÖRRICH

Title: COOLING ARRAY

Based Upon: PCT/EP03/00212

Express Mail No.: EV478067417US

Date of Deposit: 02 July 2004

Customer No.: 42419

**CERTIFICATE OF MAILING BY EXPRESS MAIL**

**Mail Stop PCT**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:


I hereby certify that the following requisites of the subject Patent Application are being deposited with the United States Postal Service as Express Mail Post Office to Addressee No. EV478067417US, on 02 July 2004, and is addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, together with the items listed below.

- Transmittal Letter (Form PTO-1390) (2 pages), in duplicate
- Executed German Language Declaration (4 pages), attached to a German language copy of the International Application

Based Upon: PCT/EP03/00212

- Verified English language translation of the International Application, including a translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5))
- First Preliminary Amendment (8 pages)
- Transmittal of Substitute Specification (2 pages)
- Substitute Specification attached to a red ink marked-up copy of the verified English language translation
- Form PCT/IB/301
- Form PCT/IB/304
- Form PCT/IB/308
- English language copy of the International Search Report, Form PCT/ISA/210 (3 pages)
- Recordation Form Cover Sheet, together with executed Assignment Document (3 pages total)
- A check in the amount of \$960.00 to cover the fees set forth in the Transmittal Letter
- Return Receipt Postcard

Respectfully submitted,

  
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